

DRAFT

Issuance Date

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

15-xxxE CAB
File No. 0382

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Mr. Jim R. Yates
President
Mid Pac Petroleum, LLC
1100 Alakea Street, 8th Floor
Honolulu, Hawaii 96813

Dear Mr. Yates:

**SUBJECT: Covered Source Permit (CSP) No. 0382-02-C
Renewal Application No. 0382-07
Significant Modification Application No. 0382-08
Mid Pac Petroleum, LLC
Kawaihae Terminal
Petroleum Bulk Loading Terminal
Located At: 61-3651 Kawaihae Road, Kawaihae, Hawaii
Date of Expiration: Issuance Date + 5 years**

The subject covered source permit is issued in accordance with Hawaii Administrative Rules, Title 11, Chapter 60.1. The issuance of this permit is based on the plans and specifications submitted as part of your renewal application dated June 25, 2010, and additional information dated October 4, 2013; and the significant modification application dated July 8, 2015, and additional information received on August 12 and 13, 2015. Receipts for the respective application filing fees of \$500.00 and \$500.00 are enclosed.

The covered source permit is issued subject to the conditions/requirements set forth in the following Attachments:

Attachment I:	Standard Conditions
Attachment IIA:	Special Conditions - Petroleum Storage Tanks
Attachment IIB:	Special Conditions - Tank Truck Load Rack and Barge Off-Loading Headers
Attachment IIC:	Special Conditions - Equipment in Gasoline Service
Attachment II - INSIG:	Special Conditions - Insignificant Activities
Attachment III:	Annual Fee Requirements
Attachment IV:	Annual Emissions Reporting Requirements

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Issuance Date
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The following forms are enclosed for your use and submittal as required:

Compliance Certification Form
Annual Emissions Report Form: Internal Floating Roof Storage Tanks
Annual Emissions Report Form: Tank Truck Load Rack
Annual Emissions Report Form: Barge Off-Loading Headers
Monitoring Report Form: Internal Floating Roof Storage Tanks
Monitoring Report Form: Tank Truck Load Rack
Monitoring Report Form: Barge Off-Loading Headers
Monitoring Report Form: Opacity Exceedances
Monitoring Report Form: Equipment Leaks
Monitoring Report Form: Malfunctions
Excess Emissions Report Form: Equipment Leaks

The following are enclosed for your use in monitoring visible emissions:

Visible Emissions Form Requirements, State of Hawaii
Visible Emissions Form

This permit: (a) shall not in any manner affect the title of the premises upon which the equipment is to be located; (b) does not release the permittee from any liability for any loss due to personal injury or property damage caused by, resulting from or arising out of the design, installation, maintenance, or operation of the equipment; and (c) in no manner implies or suggests that the Department of Health, Clean Air Branch (herein after referred to as Department), or its officers, agents, or employees, assumes any liability, directly or indirectly, for any loss due to personal injury or property damage caused by, resulting from or arising out of the design, installation, maintenance, or operation of the equipment.

If you have any questions, please contact Mr. Darin Lum of the Clean Air Branch at (808) 586-4200.

Sincerely,

STUART YAMADA, P.E., CHIEF
Environmental Management Division

DL:dh

Enclosures

c: Kathleen Puou, EHS – Kona
CAB Monitoring Section

**ATTACHMENT I: STANDARD CONDITIONS
COVERED SOURCE PERMIT NO. 0382-02-C**

Issuance Date:

Expiration Date:

This permit is granted in accordance with the Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1, Air Pollution Control, and is subject to the following standard conditions:

1. Unless specifically identified, the terms and conditions contained in this permit are consistent with the applicable requirement, including form, on which each term or condition is based.

(Auth.: HAR §11-60.1-90)
2. This permit, or a copy thereof, shall be maintained at or near the source and shall be made available for inspection upon request. The permit shall not be willfully defaced, altered, forged, counterfeited, or falsified.

(Auth.: HAR §11-60.1-6; SIP §11-60-11)²
3. This permit is not transferable whether by operation of law or otherwise, from person to person, from place to place, or from one piece of equipment to another without the approval of the Department, except as provided in HAR, Section 11-60.1-91.

(Auth.: HAR §11-60.1-7; SIP §11-60-9)²
4. A request for transfer from person to person shall be made on forms furnished by the Department.

(Auth.: HAR §11-60.1-7)
5. In the event of any changes in control or ownership of the facilities to be constructed or modified, this permit shall be binding on all subsequent owners and operators. The permittee shall notify the succeeding owner and operator of the existence of this permit and its conditions by letter, copies of which will be forwarded to the Department and the U.S. Environmental Protection Agency (EPA), Region 9.

(Auth.: HAR §11-60.1-5, §11-60.1-7, §11-60.1-94)
6. The facility covered by this permit shall be constructed and operated in accordance with the application, and any information submitted as part of the application, for the Covered Source Permit. There shall be no deviation unless additional or revised plans are submitted to and approved by the Department, and the permit is amended to allow such deviation.

(Auth.: HAR §11-60.1-2, §11-60.1-4, §11-60.1-82, §11-60.1-84, §11-60.1-90)
7. This permit (a) does not release the permittee from compliance with other applicable statutes of the State of Hawaii, or with applicable local laws, regulations, or ordinances, and

(b) shall not constitute, nor be construed to be an approval of the design of the covered source.

(Auth.: HAR §11-60.1-5, §11-60.1-82)

8. The permittee shall comply with all the terms and conditions of this permit. Any permit noncompliance constitutes a violation of HAR, Chapter 11-60.1 and the Clean Air Act and is grounds for enforcement action; for permit termination, suspension, reopening, or amendment; or for denial of a permit renewal application.

(Auth.: HAR §11-60.1-3, §11-60.1-10, §11-60.1-19, §11-60.1-90)

9. If any term or condition of this permit becomes invalid as a result of a challenge to a portion of this permit, the other terms and conditions of this permit shall not be affected and shall remain valid.

(Auth.: HAR §11-60.1-90)

10. The permittee shall not use as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the terms and conditions of this permit.

(Auth.: HAR §11-60.1-90)

11. This permit may be terminated, suspended, reopened, or amended for cause pursuant to HAR, Sections, 11-60.1-10 and 11-60.1-98, and Hawaii Revised Statutes (HRS), Chapter 342B-27, after affording the permittee an opportunity for a hearing in accordance with HRS, Chapter 91.

(Auth.: HAR §11-60.1-3, §11-60.1-10, §11-60.1-90, §11-60.1-98)

12. The filing of a request by the permittee for the termination, suspension, reopening, or amendment of this permit, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

(Auth.: HAR §11-60.1-90)

13. This permit does not convey any property rights of any sort, or any exclusive privilege.

(Auth.: HAR §11-60.1-90)

14. The permittee shall notify the Department and U.S. EPA, Region 9, in writing of the following dates:

- a. The **anticipated date of initial start-up** for each emission unit of a new source or significant modification not more than sixty (60) days or less than thirty (30) days prior to such date;
- b. The **actual date of construction commencement** within fifteen (15) days after such date; and
- c. The **actual date of start-up** within fifteen (15) days after such date.

(Auth.: HAR §11-60.1-90)

15. The permittee shall furnish, in a timely manner, any information or records requested in writing by the Department to determine whether cause exists for terminating, suspending, reopening, or amending this permit, or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Department copies of records required to be kept by the permittee. For information claimed to be confidential, the Director of Health (Director) may require the permittee to furnish such records not only to the Department but also directly to the U.S. EPA, Region 9, along with a claim of confidentiality.

(Auth.: HAR §11-60.1-14, §11-60.1-90)

16. The permittee shall notify the Department in writing, of the **intent to shut down air pollution control equipment for necessary scheduled maintenance** at least twenty-four (24) hours prior to the planned shutdown. The submittal of this notice shall not be a defense to an enforcement action. The notice shall include the following:
 - a. Identification of the specific equipment to be taken out of service, as well as its location and permit number;
 - b. The expected length of time that the air pollution control equipment will be out of service;
 - c. The nature and quantity of emissions of air pollutants likely to be emitted during the shutdown period;
 - d. Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period; and
 - e. The reasons why it would be impossible or impractical to shut down the source operation during the maintenance period.

(Auth.: HAR §11-60.1-15; SIP §11-60-16)²

17. **Except for emergencies which result in noncompliance with any technology-based emission limitation in accordance with HAR, Section 11-60.1-16.5, in the event any emission unit, air pollution control equipment, or related equipment malfunctions or breaks down in such a manner as to cause the emission of air pollutants in violation of HAR, Chapter 11-60.1 or this permit**, the permittee shall immediately notify the Department of the malfunction or breakdown, unless the protection of personnel or public health or safety demands immediate attention to the malfunction or breakdown and makes such notification infeasible. In the latter case, the notice shall be provided as soon as

practicable. Within five (5) working days of this initial notification, the permittee shall also submit, in writing, the following information:

- a. Identification of each affected emission point and each emission limit exceeded;
- b. Magnitude of each excess emission;
- c. Time and duration of each excess emission;
- d. Identity of the process or control equipment causing the excess emission;
- e. Cause and nature of each excess emission;
- f. Description of the steps taken to remedy the situation, prevent a recurrence, limit the excessive emissions, and assure that the malfunction or breakdown does not interfere with the attainment and maintenance of the National Ambient Air Quality Standards and state ambient air quality standards;
- g. Documentation that the equipment or process was at all times maintained and operated in a manner consistent with good practice for minimizing emissions; and
- h. A statement that the excess emissions are not part of a recurring pattern indicative of inadequate design, operation, or maintenance.

The submittal of these notices shall not be a defense to an enforcement action.

(Auth.: HAR §11-60.1-16; SIP §11-60-16)²

18. The permittee may request confidential treatment of any records in accordance with HAR, Section 11-60.1-14.

(Auth.: HAR §11-60.1-14, §11-60.1-90)

19. This permit shall become invalid with respect to the authorized construction if construction is not commenced as follows:

- a. Within eighteen (18) months after the permit takes effect, is discontinued for a period of eighteen (18) months or more, or is not completed within a reasonable time.
- b. For phased construction projects, each phase shall commence construction within eighteen (18) months of the projected and approved commencement dates in the permit. This provision shall be applicable only if the projected and approved commencement dates of each construction phase are defined in Attachment II, Special Conditions, of this permit.

(Auth.: HAR §11-60.1-9, §11-60.1-90)

20. The Department may extend the time periods specified in Standard Condition No. 19 upon a satisfactory showing that an extension is justified. Requests for an extension shall be submitted in writing to the Department.

(Auth.: HAR §11-60.1-9, §11-60.1-90)

21. The permittee shall submit fees in accordance with HAR, Chapter 11-60.1, Subchapter 6.

(Auth.: HAR §11-60.1-90)

22. All certifications shall be in accordance with HAR, Section 11-60.1-4.

(Auth.: HAR §11-60.1-4, HAR §11-60.1-90)

23. The permittee shall allow the Director, the Regional Administrator for the U.S. EPA and/or an authorized representative, upon presentation of credentials or other documents required by law:

- a. To enter the premises where a source is located or emission-related activity is conducted, or where records must be kept under the conditions of this permit and inspect at reasonable times all facilities, equipment, including monitoring and air pollution control equipment, practices, operations, or records covered under the terms and conditions of this permit and request copies of records or copy records required by this permit; and
- b. To sample or monitor at reasonable times substances or parameters to ensure compliance with this permit or applicable requirements of HAR, Chapter 11-60.1.

(Auth.: HAR §11-60.1-11, §11-60.1-90)

24. Within thirty (30) days of **permanent discontinuance of the construction, modification, relocation, or operation of a covered source covered by this permit**, the discontinuance shall be reported in writing to the Department by a responsible official of the source.

(Auth.: HAR §11-60.1-8; SIP §11-60-10)²

25. Each permit renewal application shall be submitted to the Department and the U.S. EPA, Region 9, no less than twelve (12) months and no more than eighteen (18) months prior to the permit expiration date. The Director may allow a permit renewal application to be submitted no less than six (6) months prior to the permit expiration date, if the Director determines that there is reasonable justification.

(Auth.: HAR §11-60.1-101, 40 CFR §70.5(a)(1)(iii))¹

26. The terms and conditions included in this permit, including any provision designed to limit a source's potential to emit, are federally enforceable unless such terms, conditions, or requirements are specifically designated as not federally enforceable.

(Auth.: HAR §11-60.1-93)

27. The compliance plan and compliance certification submittal requirements shall be in accordance with HAR, Sections 11-60.1-85 and 11-60.1-86. As specified in HAR, Section 11-60.1-86, the compliance certification shall be submitted to the Department and the U.S. EPA, Region 9, once per year, or more frequently as set by any applicable requirement.

(Auth.: HAR §11-60.1-90)

28. **Any document (including reports) required to be submitted by this permit shall be certified as being true, accurate, and complete by a responsible official in accordance with HAR, Sections 11-60.1-1 and 11-60.1-4, and shall be mailed to the following address:**

**Clean Air Branch
Environmental Management Division
Hawaii Department of Health
919 Ala Moana Boulevard, Room 203
Honolulu, HI 96814**

Upon request and as required by this permit, all correspondence to the State of Hawaii Department of Health associated with this Covered Source Permit shall have duplicate copies forwarded to:

**Chief
Permits Office, (Attention: Air-3)
Air Division
U.S. Environmental Protection Agency
Region 9
75 Hawthorne Street
San Francisco, CA 94105**

(Auth.: HAR §11-60.1-4, §11-60.1-90)

29. To determine compliance with submittal deadlines for time-sensitive documents, the postmark date of the document shall be used. If the document was hand-delivered, the date received ("stamped") at the Clean Air Branch shall be used to determine the submittal date.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

¹The citations to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the preconstruction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

²The citations to the State Implementation Plan (SIP) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the SIP.

**ATTACHMENT IIA: SPECIAL CONDITIONS
PETROLEUM STORAGE TANKS
COVERED SOURCE PERMIT NO. 0382-02-C**

Issuance Date:

Expiration Date:

In addition to the standard conditions of the Covered Source Permit, the following special conditions shall apply to the permitted facility:

Section A. Equipment Description

1. Attachment IIA of this permit encompasses the following petroleum storage tanks and associated appurtenances:

- a. One (1) 1,600 barrel internal floating roof petroleum storage tank no. 4129;
- b. One (1) 4,000 barrel internal floating roof petroleum storage tank no. 4130;
- c. One (1) 7,500 barrel internal floating roof petroleum storage tank no. 4132; and
- d. One (1) 10,100 barrel internal floating roof petroleum storage tank no. 4133.

(Auth.: HAR §11-60.1-3)

2. The permittee shall attach an identification tag or name plate on each petroleum storage tank, with the tank identification no. The identification tag or name plate shall be permanently displayed on the equipment in a conspicuous location.

(Auth.: HAR §11-60.1-5)

Section B. Applicable Federal Regulations

1. Petroleum Storage Tanks Nos. 4129, 4130, 4132, and 4133

The petroleum storage tanks are subject to the provisions of the following federal regulations when storing gasoline:

- a. 40 Code of Federal Regulations (CFR) Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories, Subpart A, General Provisions; and
- b. 40 CFR Part 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11081)¹

2. Petroleum Storage Tank No. 4129

The petroleum storage tank is subject to the provisions of the following federal regulations:

- a. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart A, General Provisions; and
- b. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (including

Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR §60.110b)¹

3. The permittee shall comply with all applicable requirements of these standards, including all emission limits, notification, testing, monitoring and reporting requirements. The major requirements of these standards are detailed in the special conditions of this permit.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

Section C. Operational Limitations

1. General (Tank No. 4129)

Tank No. 4129 is subject to the control requirements specified in 40 CFR Part 60, Subpart Kb, and is deemed in compliance with 40 CFR Part 63, Subpart BBBBBB, if requirements of Attachment IIA and 40 CFR Part 60, Subpart Kb, are met. The permittee shall report this determination in the Notification of Compliance Status report pursuant to Attachment IIA, Special Condition No. E.8.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11087)¹

2. Construction and Operation (Tank Nos. 4130, 4132, and 4133)

The storage tanks shall be equipped with an internal floating roof and meet the following specifications:

- a. The true vapor pressure of the volatile organic liquid (VOL) stored inside the storage tanks shall be maintained below 11.1 psia at all times.
- b. The storage tanks shall meet the following requirements when storing gasoline. Equip each internal floating roof gasoline storage tank according to the requirements of 40 CFR §60.112b(a)(1), except for the secondary seal requirements under 40 CFR §60.112b(a)(1)(ii)(B) and the requirements in 40 CFR §60.112b(a)(1)(iv) through (ix).
- c. The permittee shall be in compliance with the applicable requirements specified in Attachment IIA, Special Condition No. C.2.b, for the internal floating roof storage tanks at the first degassing and cleaning activity after January 10, 2011, or by January 10, 2018, whichever is first.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11087)¹

3. Construction and Operation (Tank No. 4129)

The storage tank shall have a fixed roof with an internal floating roof and meet the following specifications:

- a. The true vapor pressure of the VOL stored shall be maintained below 11.1 psia at all times;
- b. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside the fixed roof storage tank. The internal floating roof shall be floating on the liquid surface at all times except during initial fill and during those intervals when the storage tank is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of emptying or refilling shall be continuous and shall be accomplished as rapidly as possible;
- c. The storage tank shall be equipped with one of the following closure devices between the wall of the storage tank and the edge of the internal floating roof:
 - i. A foam or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal);
 - ii. Two (2) seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage tank and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous; or
 - iii. A mechanical shoe seal.
- d. Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and rim space vents is to provide a projection below the liquid surface;
- e. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use;
- f. Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except, when the roof is being floated off or is being landed on the roof leg supports;
- g. Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting;
- h. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least ninety (90) percent of the opening;
- i. Each penetration of the internal floating roof that allows for the passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover; and
- j. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

(Auth.: HAR §11-60.1-3, §11-60.1-39, §11-60.1-90, §11-60.1-161; 40 CFR §60.112b)¹

Section D. Monitoring and Recordkeeping Requirements

1. Records

All records, including support information, shall be maintained for at least five (5) years from the date of the monitoring sample, measurement, test, report, or application. Support information includes all maintenance, inspection, and repair records, and copies of all reports required by this permit. These records shall be true, accurate, and maintained, in a permanent form suitable for inspection and made available to the Department or its representative(s) upon request.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

2. The permittee shall maintain and operate a tank gauging system for each petroleum storage tank to monitor the throughput of petroleum product for the purpose of calculating annual emissions.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90)

3. Inspections (Tank Nos. 4130, 4132, and 4133)

Internal floating roof storage tank inspections of the floating roof systems shall be performed according to the requirements of 40 CFR §60.113b(a).

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11092)¹

4. Inspection (Tank No. 4129)

- a. For a tank equipped with the seal system specified in Attachment IIA, Special Condition No. C.3.c.i, inspect in accordance with Attachment IIA, Special Condition Nos. D.5 and D.6.
- b. For a tank equipped with a double-seal system, as specified in Attachment IIA, Special Condition No. C.3.c.ii, inspect in accordance with:
 - i. Attachment IIA, Special Condition Nos. D.5 and D.6; or
 - ii. Attachment IIA, Special Condition No. D.6, except inspect at least every **five (5) years** instead of **ten (10) years**.
- c. For a tank equipped with the seal system specified in Attachment IIA, Special Condition No. C.3.c.iii, inspect in accordance with Attachment IIA, Special Condition Nos. D.5 and D.6.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.113b)¹

5. Annual Inspection (Tank No. 4129)

The permittee shall visually inspect the internal floating roof, the primary seal, or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every **twelve (12) months** after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage tank, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the permittee shall repair the items or empty and remove the storage tank from service within **forty-five (45) days**. If a failure that is detected during inspections required by this condition cannot be repaired within **forty-five (45) days** and if the tank cannot be emptied within **forty-five (45) days**, a **thirty (30) day** extension may be requested from the Department in the annual inspection report required by Attachment IIA, Special Condition No. E.2. Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the permittee will take that will assure that the control equipment will be repaired or the storage tank will be emptied as soon as possible.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161, 40 CFR §60.113b)¹

6. Inspection after Tank Emptied and Degassed (Tank No. 4129)

The permittee shall visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes, and sleeve seals (if any) each time the storage tank is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or seal fabric, or the secondary seal has holes, tears, or other openings in the seal or seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than ten (10) percent open area, the permittee shall repair the items, as necessary, so that none of the conditions specified in this paragraph exist before refilling the storage tank with VOL. In no event shall inspections conducted in accordance with this condition occur at intervals greater than **ten (10) years** for tank inspections specified in Attachment IIA, Special Condition Nos. D.4.a, D.4.b.i, and D.4.c. In no event, shall inspections conducted in accordance with this condition occur at intervals greater than **five (5) years** for inspections specified in Attachment IIA, Special Condition No. D.4.b.ii.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.113b)¹

7. Records (Tank Nos. 4130, 4132, and 4133)

When storing gasoline, the permittee shall keep records for each gasoline storage tank in accordance with 40 CFR §60.115b. For each petroleum storage tank, the following records shall also be maintained at the facility:

- a. Records showing the dimensions (feet) of the storage tanks and the analysis showing the capacity (gallons or barrels) of the storage tanks shall be maintained for the life of the tank;
- b. Type of seal(s);

- c. Type of VOL stored, the period of storage, and the maximum true vapor pressure (psia) of the VOL stored during the respective storage period. Determination of the maximum true vapor pressure shall be done in accordance with 40 CFR §60.116b(e). The method used to determine the maximum true vapor pressure shall be identified in the records; and
- d. Each inspection and corrective action performed; including records of the storage tank identification no., the date the tank was inspected, the observed condition of each component of the control equipment (seals, internal floating roof, fittings, etc.), and any repairs made.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, §11-60.1-174, 40 CFR §63.11094)¹

8. Records (Tank No. 4129)

- a. The permittee shall keep records of each inspection performed as required by Attachment IIA, Special Condition Nos. D.5 and D.6. Records shall include the tank identification, the date the tank was inspected, and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings, etc.).
- b. Records shall be maintained on the type of VOL stored, the period of storage, and the maximum true vapor pressure (in psia) of the VOL stored during the respective storage period. Determination of the maximum true vapor pressure shall be done in accordance with 40 CFR §60.116b(e). The method used to determine the maximum true vapor pressure shall be identified in the records.
- c. Records showing the dimensions (feet) of the storage tanks and the analysis showing the capacity (gallons or barrels) of the storage tanks shall be maintained for the life of the tank.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161, 40 CFR §60.115b, §60.116b)¹

9. Malfunctions

The permittee shall keep the following records for malfunctions:

- a. Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.
- b. Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR §63.11085(a), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11094)¹

Section E. Notification and Reporting Requirements

1. Tank Filling and Refilling (Tank No. 4129)

The permittee shall notify the Department in writing at least **thirty (30) days** prior to each time each storage tank is to be filled or refilled for which an inspection is required by Attachment IIA, Special Condition No. D.6. If the inspection required by Attachment IIA, Special Condition D.6 is unplanned and the required **thirty (30) day** advance notice cannot be given, the permittee shall notify the Department at least **seven (7) days prior** to refilling the tank. Notification shall be made by telephone followed immediately by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification, including the written documentation, may be made in writing and sent by express mail, so that the Department receives the notice at least **seven (7) days prior** to the refilling.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161, 40 CFR §60.113b)¹

2. Annual Inspection Report (Tank No. 4129)

A report shall be submitted to the Department and U.S. EPA, Region 9, within **thirty (30) days** of the annual visual inspection required by Attachment IIA, Special Condition No. D.5, if any conditions described in Attachment IIA, Special Condition No. D.5 are detected. Each report shall identify the storage tank, the nature of defects, and the date the storage tank was emptied or the nature of and date the repair was made.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60-161, 40 CFR §60.115b)¹

3. Other Inspection Reports (Tank No. 4129)

A report shall be submitted to the Department and U.S. EPA, Region 9, for inspections required by Attachment IIA, Special Condition No. D.4.b. This report shall be submitted within **thirty (30) days** if an inspection finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in Attachment IIA, Special Condition No. D.5. The report shall identify the storage tank and the reason it did not meet the specifications of Attachment IIA, Special Condition Nos. C.3.b through C.3.j or Attachment IIA, Special Condition No. D.4.b, and list each repair made.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60-161, 40 CFR §60.115b)¹

4. Standard Condition Reporting

Notification and reporting pertaining to the following events shall be done in accordance with Attachment I, Standard Condition Nos. 17 and 24, respectively:

- a. Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedances due to emergencies); and

- b. Permanent discontinuance of construction, modification, relocation, or operation of the facility covered by this permit.

(Auth.: HAR §11-60.1-8, §11-60.1-15, §11-60.1-16, §11-60.1-90)

5. Deviations

The permittee shall report **within five (5) working days** any deviations from permit requirements, including those attributed to upset conditions, the probable cause of such deviations, and any corrective actions or preventive measures taken. Corrective actions may include a requirement for testing, or more frequent monitoring, or could trigger implementation of a corrective action plan.

(Auth.: HAR §11-60.1-3, §11-60.1-15, §11-60.1-16, §11-60.1-90)

6. Annual Emissions

- a. As required by Attachment IV and in conjunction with the requirements of Attachment III, Annual Fee Requirements, the permittee shall submit **annually** the total tons per year emitted of each regulated air pollutant including hazardous air pollutants (HAPs). The reporting of annual emissions is due **within sixty (60) days** following the end of each calendar year. Completion and submittal of the **Annual Emissions Form: Internal Floating Roof Storage Tanks**, shall be used for reporting.
- b. Upon the written request of the permittee, the deadline for reporting of annual emissions may be extended, if the Department determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90, §11-60.1-114)

7. Compliance Certification

- a. During the permit term, the permittee shall submit at least **annually** to the Department and U.S. EPA, Region 9, the attached **Compliance Certification Form** pursuant to HAR, Subsection 11-60.1-86. The permittee shall indicate whether or not compliance is being met with each term or condition of this permit. The compliance certification shall include, at a minimum, the following information:
 - i. The identification of each term or condition of the permit that is the basis of the certification;
 - ii. The compliance status;
 - iii. Whether compliance was continuous or intermittent;
 - iv. The methods used for determining the compliance status of the source currently and over the reporting period;
 - v. Any additional information indicating the source's compliance status with any applicable enhanced monitoring and compliance certification, including the requirements of Section 114(a)(3) of the Clean Air Act or any applicable monitoring

- and analysis provisions of Section 504(b) of the Clean Air Act;
- vi. Brief description of any deviations including identifying as possible exceptions to compliance any periods during which compliance is required and which the excursion or exceedances as defined in 40 CFR 64 occurred; and
- vii. Any additional information as required by the Department, including information to determine compliance.

- b. The compliance certification shall be submitted within **sixty (60) days after** the end of each calendar year and shall be signed and dated by a responsible official.
- c. Upon the written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-4, §11-60.1-86, §11-60.1-90)

8. Notifications

- a. The permittee shall submit to the Department and U.S. EPA, Region 9, a Notification of Compliance Status as specified in 40 CFR §63.9(h). The Notification of Compliance Status must specify which compliance options included in Table 1 of 40 CFR Part 63, Subpart BBBBBB, is used to comply with Subpart BBBBBB. The Notification of Compliance Status shall be submitted in accordance with Attachment IIA, Special Condition No. E.7.
- b. The permittee shall submit to the Department and U.S. EPA, Region 9, additional notifications specified in 40 CFR §63.9, as applicable.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-174; 40 CFR §63.11093)¹

9. Monitoring Reports

The permittee shall submit **semi-annually** the following written reports to the Department and U.S. EPA, Region 9. The reports shall be submitted **within sixty (60) days after** the end of each semi-annual calendar period (January 1 - June 30 and July 1 - December 31).

- a. A compliance report for Tank Nos. 4130, 4132, and 4133. The enclosed **Monitoring Report Form: Internal Floating Roof Storage Tanks** shall be used for reporting.
- b. The number, duration, and a brief description of each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. Include a description of actions taken by the permittee during a malfunction to minimize emissions in accordance with 40 CFR §63.11085(a), including actions taken to correct a malfunction. The enclosed **Monitoring Report Form: Malfunctions** shall be used for reporting.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11095)¹

Section F. Agency Notification

Any document (including reports) required to be submitted by this covered source permit shall be in accordance with Attachment I, Standard Condition No. 28.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

¹The citations to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the pre-construction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

²The citations to the State Implementation Plan (SIP) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the SIP.

**ATTACHMENT IIB: SPECIAL CONDITIONS
TANK TRUCK LOAD RACK AND BARGE OFF-LOADING HEADERS
COVERED SOURCE PERMIT NO. 0382-02-C**

Issuance Date:

Expiration Date:

In addition to the Standard Conditions of the Covered Source Permit, the following Special Conditions shall apply to the permitted facility:

Section A. Equipment Description

1. Attachment IIB of this permit encompasses the following equipment and associated appurtenances:
 - a. One (1) petroleum tank truck load rack
 - i. Bottom loading;
 - ii. Two (2) gasoline loading arms and one (1) diesel no. 2/jet fuel loading arm; and
 - iii. Ethanol injection system consisting of three (3) pumps, meters, pump headers, injectors and related piping.
 - b. One (1) 12.4 MMBtu/hr John Zink enclosed flame vapor combustion unit, model no. ZCT-2-5-30-X-2/6-Flanged with a thirty (30) foot exhaust stack height. No steam assist. Uses propane for pilot gas.
 - c. Petroleum barge off-loading headers: off-loads gasoline and diesel no. 2/jet fuel from barges.

(Auth.: HAR §11-60.1-3)

2. The permittee shall attach an identification tag or nameplate on the equipment to show the model number, serial number, and manufacturer. The identification tag or name plate shall be permanently displayed on the equipment in a conspicuous location.

(Auth.: HAR §11-60.1-5)

Section B. Applicable Federal Regulations

1. The petroleum tank truck load rack and associated appurtenances are subject to the provisions of the following federal regulations when loading gasoline:
 - a. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart A, General Provisions;
 - b. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart XX, Standards of Performance for Bulk Gasoline Terminals;
 - c. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories, Subpart A, General Provisions; and

- d. 40 CFR Part 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, §11-60.1-174; 40 CFR §60.1, §60.500, §63.1, §63.11081)¹

2. The permittee shall comply with all applicable provisions of these standards, including all emission limits and all notification, testing, monitoring, and reporting requirements. The major requirements of these standards are detailed in the special conditions of this permit.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

Section C. Operational Limitations

1. Petroleum Tank Truck Load Rack

- a. The maximum throughput of the petroleum tank truck load rack shall not exceed 1,460,000 barrels of gasoline per rolling twelve-month (12-month) period.
- b. The maximum throughput of the petroleum tank truck load rack shall not exceed 162,060 barrels of ethanol per rolling twelve-month (12-month) period.
- c. The maximum throughput of the petroleum tank truck load rack shall not exceed 1,095,000 barrels of diesel no. 2 and jet fuel combined per rolling twelve-month (12-month) period.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

2. Petroleum Barge Off-Loading Headers

- a. The maximum throughput of the petroleum barge off-loading headers shall not exceed 1,460,000 barrels of gasoline per rolling twelve-month (12-month) period.
- b. The maximum throughput of the petroleum barge off-loading headers shall not exceed 1,095,000 barrels of diesel no. 2 and jet fuel combined per rolling twelve-month (12-month) period.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

3. The permittee shall use submerged filling at the petroleum tank truck load rack with a submerged fill pipe that is no more than six (6) inches from the bottom of the cargo tank.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11088, 40 CFR Part 63, Subpart BBBBBB, Table 2)¹

4. The permittee shall install, maintain, and operate the vapor combustion unit as an air pollution control device for the petroleum tank truck load rack.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

5. The vapor combustion unit shall be connected, fully functional, and operational at all times whenever the petroleum tank truck load rack is in operation loading gasoline or ethanol.

(Auth.: HAR §11-60.1-3, §11.60.1-5, §11-60.1-90)

6. The vapor combustion unit shall be operated and maintained in accordance with the manufacturer's specifications.

(Auth.: HAR §11-60.1-3, §11.60.1-5, §11-60.1-90)

7. The permittee shall comply with the following requirements:

- a. The petroleum tank truck load rack shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from gasoline tank trucks during product loading.
- b. The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks shall not exceed thirty-five (35) milligrams of total organic compounds per liter of gasoline loaded.
- c. Each vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack or lane from passing to another loading rack or lane to the atmosphere.
- d. Loadings of liquid product into all gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:
 - i. The permittee shall obtain the vapor tightness documentation described in Attachment IIB, Special Condition No. D.9 for each gasoline tank truck which is loaded at the subject facility.
 - ii. The permittee shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the subject facility.
 - iii. The permittee shall cross-check each tank identification number obtained in Attachment IIB, Special Condition No. C.7.d.ii, with the file of tank vapor tightness documentation within two (2) weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:
 - (1) If less than an average of one (1) gasoline tank truck per month over the last twenty-six (26) weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or
 - (2) If less than an average of one (1) gasoline tank truck per month over the last fifty-two (52) weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semiannually.
 - (3) If either the quarterly or semiannual cross-check reveals that these conditions were not maintained, the permittee must return to biweekly monitoring until such time as these conditions are again met.
 - iv. The permittee shall notify the owner or operator of each nonvapor-tight gasoline tank truck loaded at the subject facility within one (1) week of the documentation cross-check in Attachment IIB, Special Condition No. C.7.d.iii.

- v. The permittee shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the subject facility until vapor tightness documentation for that tank is obtained.
 - vi. Alternate procedures to Attachment IIB, Special Condition Nos. C.7.d.i thru C.7.d.v, for limiting gasoline tank truck loadings may be used upon application to, and approved by, the Department.
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- e. The permittee shall ensure that loadings of gasoline tank trucks at the subject facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.
 - f. The permittee shall ensure that the terminal's and the gasoline tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the subject facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the subject loading racks.
 - g. The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in Attachment IIB, Special Condition No. F.4.
 - h. No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).
- (Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.502)¹
8. For any six (6) minute averaging period, the vapor combustion unit shall not exhibit visible emissions of twenty (20) percent opacity or greater, except as follows: during startup, shutdown, or equipment breakdown, the vapor combustion unit may exhibit visible emissions not greater than sixty (60) percent opacity for a period aggregating not more than six (6) minutes in any sixty (60) minute period.

(Auth.: HAR §11-60.1-3, §11-60.1-32, §11-60.1-90)

Section D. Monitoring and Recordkeeping Requirements

1. Records

All records, including support information, shall be maintained for at least five (5) years from the date of the monitoring sample, measurement, test, report, or application. Support information includes all maintenance, inspection, and repair records, and copies of all reports required by this permit. These records shall be true, accurate, and maintained in a permanent form suitable for inspection and made available to the Department or its representative(s) upon request.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

2. The permittee shall maintain and operate a non-resetting volumetric flow meter to monitor the throughput of petroleum products (gasoline, ethanol, diesel no. 2, and jet fuel) at the petroleum tank truck load rack. The non-resetting meter shall not allow the manual

resetting or other manual adjustments of the meter readings. The installation of any new non-resetting meters or the replacement of any existing non-resetting meters shall be designed to accommodate a minimum of five (5) years of equipment operation, considering any operational limitations, before the meter returns to a zero reading.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90)

3. Each calendar month, the permittee shall inspect the vapor collection system, the vapor processing system, and each loading rack handling gasoline during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within **fifteen (15) calendar days** after it is detected. For equipment in gasoline service, leaks shall be inspected and repaired in accordance with Attachment IIC, Special Condition Nos. C.1 and C.2.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.502)¹

4. The permittee shall maintain records on the following:
 - a. Each monthly inspection performed, including the date(s) of inspections, findings, leak determination method, corrective actions taken, and the inspector's name. Inspection findings shall state whether or not leaks were detected. For each leak detected, record the location, nature, and severity of each leak;
 - b. Records of all equipment replaced or repaired; and
 - c. The monthly and rolling twelve-month (12-month) throughputs of each petroleum product (gasoline, ethanol, diesel no. 2, and jet fuel) loaded. Monthly records shall include:
 - i. Date of meter reading;
 - ii. Meter reading at the beginning of each month;
 - iii. Total throughputs of each product for each month; and
 - iv. Total throughputs of each product on a rolling twelve-month (12-month) basis.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90)

5. Malfunctions

The permittee shall keep the following records for malfunctions:

- a. Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment; and
- b. Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR §63.11085(a), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11094)¹

6. Visible Emissions (VE)

The permittee shall conduct **monthly** (calendar month) VE observations for the vapor combustion unit by a certified reader in accordance with 40 CFR Part 60, Appendix A, Method 9, or U.S. EPA approved equivalent methods, or alternate methods with prior written approval from the Department. For each month, two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals. Records shall be completed and maintained in accordance with the **Visible Emissions Form Requirements**. The monthly VE observations are not required for the months that the vapor combustion unit did not operate.

(Auth.: HAR §11-60.1-3, §11-60.1-32, §11-60.1-90)

7. The permittee shall monitor the presence of a thermal oxidation system pilot flame using a heat-sensing device, such as an ultraviolet beam sensor or a thermocouple, installed in proximity of the pilot light, to indicate the presence of a flame. The heat-sensing device shall send a positive parameter value to indicate that the pilot flame is on, or a negative parameter value to indicate that the pilot flame is off.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.11092)¹

8. The permittee shall develop and submit to the Department a monitoring and inspection plan that describes the permittee's approach for meeting the requirements below:
- The thermal oxidation system shall be equipped to automatically prevent gasoline loading operations from beginning at any time that the pilot flame is absent.
 - The permittee shall verify, during each day of operation of the loading rack, the proper operation of the assist-air blower and the vapor line valve. Verification shall be through visual observation, or through an automated alarm or shutdown system that monitors system operation. A manual or electronic record of the start and end of a shutdown event may be used.
 - The permittee shall perform semi-annual preventative maintenance inspections of the thermal oxidation system, including the automated alarm or shutdown system for those units so equipped, according to the recommendations of the manufacturer of the system.
 - The monitoring and inspection plan shall specify conditions that would be considered malfunctions of the thermal oxidation system during the inspections or automated monitoring performed in paragraphs b and c above, describe specific corrective actions that will be taken to correct any malfunction, and define what the permittee would consider to be a timely repair for each potential malfunction.
 - The permittee shall document any system malfunction, as defined in the monitoring and inspection plan, and any activation of the automated alarm or shutdown system with a written entry into a log book or other permanent form of record. Such record shall also include a description of the corrective action taken and whether such corrective actions were taken in a timely manner, as defined in the monitoring and inspection plan, as well as an estimate of the amount of gasoline loaded during the period of malfunction.

- f. Malfunctions that are discovered shall not constitute a violation of the emission standard in Attachment IIB, Special Condition No. C.7.b, if corrective actions as described in the monitoring and inspection plan are followed. The permittee must:
 - i. Initiate corrective action to determine the cause of the problem within one (1) hour;
 - ii. Initiate corrective action to fix the problem within twenty-four (24) hours;
 - iii. Complete all corrective actions needed to fix the problem as soon as practicable consistent with good air pollution control practices for minimizing emissions;
 - iv. Minimize periods of start-up, shutdown, or malfunction; and
 - v. Take any necessary corrective actions to restore normal operation and prevent the recurrence of the cause of the problem.
- g. The permittee shall keep an up-to-date, readily accessible copy of the monitoring and inspection plan.
- h. The permittee shall keep an up-to-date, readily accessible copy of all system malfunctions, as specified in paragraph e above.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174, 40 CFR §63.11092)¹

- 9. The permittee shall maintain a tank truck vapor tightness documentation file on all gasoline tank trucks loaded at the subject facility. The file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by 40 CFR Part 60, Appendix A, EPA Reference Method 27, Determination of Vapor Tightness of Gasoline Delivery Tank Using Pressure-Vacuum Test. This documentation file shall include, as a minimum, the following information:
 - a. Test title: Gasoline Delivery Tank Pressure Test - EPA Reference Method 27;
 - b. Tank truck owner and address;
 - c. Tank identification number;
 - d. Test location and date;
 - e. Tester name and signature;
 - f. Witnessing inspector, if any: Name, signature, and affiliation;
 - g. Vapor tightness repair: Nature of repair work and when performed in relation to vapor tightness testing; and
 - h. Test results: Test pressure, pressure or vacuum change, mm of water, time period of test, number of leaks found with instrument, and leak definition.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, §11-60.1-174, 40 CFR §60.505, §63.11094)¹

- 10. As an alternative to keeping records at the terminal of each gasoline tank truck as indicated in Attachment IIB, Special Condition No. D.9, the permittee may comply with the requirements in either paragraph a or b below:
 - a. An electronic copy of each record is instantly available at the terminal.
 - i. The copy of each record is an exact duplicate image of the original paper record with certifying signatures.

- ii. The Department is notified in writing that each terminal using this alternative is in compliance with paragraph a.
- b. For facilities that use a terminal automation system to prevent gasoline tank trucks that do not have valid tank truck vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection by the Department during the course of a site visit, or within mutually agreeable time frame.
 - i. The copy of each record is an exact duplicate image of the original paper record with certifying signatures.
 - ii. The Department is notified in writing that each terminal using this alternative is in compliance with paragraph b.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, §11-60.1-174, 40 CFR §60.505, §63.11094)¹

11. The permittee shall keep documentation of all notifications required per Attachment IIB, Special Condition No. C.7.d.iv on file.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161, 40 CFR §60.505)¹

12. The permittee shall keep records of all replacements or additions of components performed on an existing vapor processing system.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.505)¹

13. The permittee shall make records available **within twenty-four (24) hours** of a request by the Department or the U.S. EPA, Region 9 to document the load rack's average daily gasoline throughput.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11088, 40 CFR Part 63, Subpart BBBB, Table 2)¹

14. Petroleum Barge Off-Loading Headers

- a. Prior to the marine barge off-loading of petroleum products into the storage tanks, the permittee shall physically tape gauge by hand the receiving storage tank to identify the actual product level of the receiving tank. After the product has been received into the tank, the permittee shall once again physically tape gauge the tank to determine the new product level and to verify the amount of product loaded from the marine barge.
- b. The vessel ullage sounding capacity report, steamer ticket delivery report, or bunker delivery receipt, or other paperwork of record shall suffice as a product throughput receipt of record.
- c. Records of the monthly throughput and corresponding twelve (12) month rolling average shall be maintained.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

Section E. Notification and Reporting Requirements

1. Notification and reporting pertaining to the following events shall be done in accordance with Attachment I, Standard Condition Nos. 14, 16, 17, and 24 respectively:
 - a. Anticipated date of initial start-up, actual date of construction commencement, and actual date of start-up of the vapor combustion unit;
 - b. Intent to shut down air pollution control equipment for necessary scheduled maintenance;
 - c. Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedances due to emergencies); and
 - d. Permanent discontinuance of construction, modification, relocation, or operation of the facility covered by this permit.

(Auth.: HAR §11-60.1-8, §11-60.1-15, §11-60.1-16, §11-60.1-90)

2. The permittee shall report **within five (5) working days** *any deviations from permit requirements*, including those attributable to upset conditions, the probable cause of such deviations, and any corrective actions or preventive measures taken. Corrective actions may include a requirement for testing, or more frequent monitoring, or could trigger implementation of a corrective action plan.

(Auth.: HAR §11-60.1-3, §11-60.1-15, §11-60.1-16, §11-60.1-90)

3. Annual Emissions
 - a. As required by Attachment IV and in conjunction with the requirements of Attachment III, Annual Fee Requirements, the permittee shall submit **annually** the total tons per year emitted of each regulated air pollutant including hazardous air pollutants (HAPs). The reporting of annual emissions is due **within sixty (60) days** following the end of each calendar year. Completion and submittal of the **Annual Emissions Forms: Tank Truck Load Rack and Barge Off-Loading Headers**, shall be used for reporting.
 - b. Upon the written request of the permittee, the deadline for reporting of annual emissions may be extended, if the Department determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90, §11-60.1-114)

4. Compliance Certification
 - a. During the permit term, the permittee shall submit at least **annually** to the Department and U.S. EPA, Region 9, the attached **Compliance Certification Form** pursuant to HAR, Subsection 11-60.1-86. The permittee shall indicate whether or not compliance is being met with each term or condition of this permit. The compliance certification shall include, at a minimum, the following information:
 - i. The identification of each term or condition of the permit that is the basis of the certification;

- ii. The compliance status;
 - iii. Whether compliance was continuous or intermittent;
 - iv. The methods used for determining the compliance status of the source currently and over the reporting period;
 - v. Any additional information indicating the source's compliance status with any applicable enhanced monitoring and compliance certification, including the requirements of Section 114(a)(3) of the Clean Air Act or any applicable monitoring and analysis provisions of Section 504(b) of the Clean Air Act;
 - vi. Brief description of any deviations including identifying as possible exceptions to compliance any periods during which compliance is required and which the excursion or exceedances as defined in 40 CFR 64 occurred; and
 - vii. Any additional information as required by the Department, including information to determine compliance.
- b. The compliance certification shall be submitted within **sixty (60) days after** the end of each calendar year and shall be signed and dated by a responsible official.
- c. Upon the written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-4, §11-60.1-86, §11-60.1-90)

5. Notifications

- a. The permittee shall submit to the Department and U.S. EPA, Region 9, a Notification of Compliance Status as specified in 40 CFR §63.9(h). The Notification of Compliance Status shall be submitted in accordance with Attachment IIB, Special Condition No. E.4.
- b. The permittee shall submit to the Department and U.S. EPA, Region 9, a Notification of Performance Test, as specified in 40 CFR §63.9(e), prior to initiating the testing required in Attachment IIB, Special Condition No. F.1.
- c. The permittee shall submit to the Department and U.S. EPA, Region 9, additional notifications specified in 40 CFR §63.9, as applicable.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-174; 40 CFR §63.11093)¹

6. Monitoring Reports

The permittee shall submit **semi-annually** the following written reports to the Department and U.S. EPA, Region 9. The reports shall be submitted **within sixty (60) days after** the end of each semi-annual calendar period (January 1 - June 30 and July 1 - December 31).

- a. The petroleum tank truck load rack throughput and petroleum barge off-loading headers throughput. The enclosed **Monitoring Report Forms: Tank Truck Load Rack and Barge Off-Loading Headers** shall be used for reporting.
- b. Any opacity exceedances as determined by the required VE monitoring. Each exceedance reported shall include the date, six (6) minute average opacity reading, possible reason for exceedance, duration of exceedance, and corrective actions taken. If there are no exceedances, the permittee shall submit in writing a statement

indicating that for each equipment there were no exceedances for that semi-annual period. The enclosed **Monitoring Report Form: Opacity Exceedances**, shall be used.

- c. A compliance report containing the following information:

For the petroleum tank truck load rack, each loading of a gasoline tank truck for which vapor tightness documentation had not been previously obtained by the facility.

- d. The number, duration, and a brief description of each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. Include a description of actions taken by the permittee during a malfunction to minimize emissions in accordance with 40 CFR §63.11085(a), including actions taken to correct a malfunction. The enclosed **Monitoring Report Form: Malfunctions** shall be used for reporting.

- e. An excess emissions report containing the following information:

- i. Each instance of a non-vapor-tight gasoline tank truck loading at the facility in which the permittee failed to take steps to assure that such gasoline tank truck would not be reloaded at the facility before vapor tightness documentation for that gasoline tank truck was obtained.
- ii. Each reloading of a non-vapor-tight gasoline tank truck at the facility before vapor tightness documentation for that gasoline tank truck is obtained by the facility in accordance with 40 CFR §63.11094(b).
- iii. Each exceedance or failure to maintain, as appropriate, the monitored operating parameter value determined under 40 CFR §63.11092(b). The report shall include the monitoring data for the days on which exceedances or failures to maintain have occurred, and a description and timing of the steps taken to repair or perform maintenance on the vapor collection and processing system.
- iv. Each instance in which malfunctions discovered during the monitoring and inspections required under Attachment IIB, Special Condition No. D.8, were not resolved according to the necessary corrective actions described in the monitoring and inspection plan. The report shall include a description of the malfunction and the timing of the steps taken to correct the malfunction.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-174; 40 CFR §63.11095)¹

7. The permittee shall notify the owner or operator of each nonvapor-tight gasoline tank truck loaded at the subject facility within one (1) week after the loading has occurred as required in Attachment IIB, Special Condition No. C.7.d.iv.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161, 40 CFR §60.502)¹

8. The permittee shall submit the serial number of the vapor combustion unit to the Department within **five (5) working days** after initial startup of the vapor combustion unit.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

Section F. Testing Requirements

1. **Within sixty (60) days** after achieving the maximum expected operating capacity of the vapor combustion unit, but not later than **one-hundred eighty (180) days** after the initial startup of the vapor combustion unit, and **annually** thereafter, the permittee shall conduct or cause to be conducted performance tests on the vapor processing and collection system to determine compliance with Attachment IIB, Special Condition Nos. C.7.b and C.7.g.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.503)¹

2. Immediately before the performance test required to determine compliance with Attachment IIB, Special Condition Nos. C.7.b and C.7.g, the permittee shall use Method 21 referenced in Appendix A of 40 CFR Part 60 to monitor for leakage of vapor all potential sources in the terminal's vapor collection system equipment while a gasoline tank truck is being loaded. The permittee shall repair all leaks with readings of 10,000 ppm (as methane) or greater before conducting the performance test.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.503)¹

3. The test methods and procedures are shown below and are referenced in Appendix A of 40 CFR Part 60. The permittee shall determine compliance with Attachment IIB, Special Condition No. C.7.b, as follows:
 - a. The performance test shall be six (6) hours long during which at least 300,000 liters of gasoline is loaded. If this is not possible, the test may be continued the same day until 300,000 liters of gasoline is loaded or the test may be resumed the next day with another complete six-hour (6-hour) period. In the latter case, the 300,000 liter criterion need not be met. However, as much as possible, testing should be conducted during the six-hour (6-hour) period in which the highest throughput normally occurs.
 - b. If the vapor processing system is intermittent in operation, the performance test shall begin at a reference vapor holder level and shall end at the same reference point. The test shall include at least two (2) startups and shutdowns of the vapor processor. If this does not occur under automatically controlled operations, the system shall be manually controlled.
 - c. The emission rate (E) of total organic compounds shall be computed using the equation described in 40 CFR Part 60, Section 60.503(c)(3).
 - d. The performance test shall be conducted in intervals of five (5) minutes. For each interval "I," readings from each measurement shall be recorded, and the volume exhausted (V_{esi}) and the corresponding average total organic compounds concentration (C_{ei}) shall be determined. The sampling system response time shall be considered in determining the average total organic compounds concentration corresponding to the volume exhausted.
 - e. Method 2B shall be used for combustion vapor processing systems used to determine the volume (V_{esi}) air-vapor mixture exhausted at each interval.
 - f. Method 25A or 25B shall be used for determining the total organic compounds concentration (C_{ei}) at each interval. The calibration gas shall be either propane or butane. The permittee may exclude the methane and ethane content in the exhaust vent by any method (e.g., Method 18) approved by the Department.

- g. To determine the volume (L) of gasoline dispensed during the performance test period at all loading racks whose vapor emissions are controlled by the processing system being tested, terminal records or readings from gasoline dispensing meters at each loading rack shall be used.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.503)¹

4. The permittee shall determine compliance with Attachment IIB, Special Condition No. C.7.g, as follows:
- a. A pressure measurement device (liquid manometer, magnehelic gauge, or equivalent instrument), capable of measuring up to five hundred (500) mm of water gauge pressure with ± 2.5 mm of water precision, shall be calibrated and installed on the terminal's vapor collection system at a pressure tap as close as possible to the connection with the gasoline tank truck.
- b. During the performance test, the pressure shall be recorded every five (5) minutes while a gasoline truck is being loaded; the highest instantaneous pressure that occurs during each loading shall also be recorded. Every loading position must be tested at least once during the performance test.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.503)¹

5. The tests shall be made at the expense of the permittee including providing sampling and testing facilities. The Department may monitor the tests.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.8)¹

6. Any deviations from these conditions, test methods, or procedures may be cause for rejection of the test results unless such deviations are approved by the Department before the tests.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.8)¹

7. **At least thirty (30) days prior to performing the performance test**, the permittee shall submit a written performance test plan to the Department and the U.S. EPA, Region 9, that describes the test date(s), test duration, test locations, test methods, source operation, and other parameters that may affect test results. Such a plan shall conform to U.S. EPA guidelines including quality assurance procedures. A performance test plan that does not have the approval of the Department may be grounds to invalidate any test and require a retest.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.8)¹

8. **Within sixty (60) days after completion of the performance test**, the permittee shall submit to the Department and the U.S. EPA, Region 9, the test report which shall include the operating conditions of the petroleum tank truck loading rack at the time of the test, the summarized test results, comparative results with the permit emission limits, and other pertinent field and laboratory data.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.8)¹

9. Upon written request and justification, the Department may waive the requirement for a specific annual performance test. The waiver request is to be submitted prior to the required performance test and must include documentation justifying such action. Documentation should include, but is not limited to, the results of the prior test indicating compliance by a wide margin, documentation of continuing compliance, and further that operations of the source have not changed since the previous performance test.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161, 40 CFR §60.8)¹

Section G. Agency Notification

Any document (including reports) required to be submitted by this covered source permit shall be in accordance with Attachment I, Standard Condition No. 28.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

¹ The citations to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the pre-construction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

² The citations to the State Implementation Plan (SIP) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the SIP.

**ATTACHMENT IIC: SPECIAL CONDITIONS
EQUIPMENT IN GASOLINE SERVICE
COVERED SOURCE PERMIT NO. 0382-02-C**

Issuance Date:

Expiration Date:

In addition to the standard conditions of the Covered Source Permit, the following special conditions shall apply to the permitted facility:

Section A. Equipment Description

Attachment IIC of this permit encompasses each piece of equipment used in a system that transfers gasoline or gasoline vapors. Equipment under Attachment IIC is each valve, pump, pressure relief device, sampling connection system, open-ended valve or line, flange or other connector in the gasoline liquid transfer, and vapor collection systems. Equipment under Attachment IIC also includes the entire vapor processing system except for exhaust port(s) or stack(s).

(Auth.: HAR §11-60.1-3)

Section B. Applicable Federal Regulations

1. Each piece of equipment in gasoline service is subject to the provisions of Attachment IIC and the following federal regulations:
 - a. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories, Subpart A, General Provisions; and
 - b. 40 CFR Part 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11081)¹

2. The permittee shall comply with all applicable requirements of these standards, including all emission limits, notification, testing, monitoring, and reporting requirements. The major requirements of these standards are detailed in the special conditions of this permit.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

Section C. Operational Limitations and Standards

1. Leak Inspection
 - a. The permittee shall perform monthly leak inspection of all equipment in gasoline service. For the monthly leak inspection, detection methods incorporating sight, sound, and smell are acceptable.

- b. A log book shall be used and shall be signed by the permittee at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.
- c. Each detection of a liquid or vapor leak shall be recorded in the log book.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11089)¹

2. Leak Repair

- a. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than five (5) calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within fifteen (15) calendar days after detection of each leak, except as provided in Attachment IIC, Special Condition No. C.2.b.
- b. Delay of repair of leaking equipment will be allowed if the repair is not feasible within fifteen (15) days.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-174; 40 CFR §63.11089)¹

Section D. Monitoring and Recordkeeping Requirements

1. Records

All records, including support information, shall be maintained for at least five (5) years from the date of the monitoring sample, measurement, test, report, or application. Support information includes all maintenance, inspection, and repair records, and copies of all reports required by this permit. These records shall be true, accurate, and maintained in a permanent form suitable for inspection and made available to the Department or its representative(s) upon request.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

2. Recordkeeping

- a. The permittee shall prepare and maintain a record describing the types, identification numbers, and locations of all equipment in gasoline service. If an instrument program is implemented for leak inspections, the record shall contain a full description of the program.
- b. The permittee shall record in a log book for each leak that is detected the following information:
 - i. The equipment type and identification number;
 - ii. The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell);

- iii. The date the leak was detected and the date of each attempt to repair the leak;
- iv. Repair methods applied in each attempt to repair the leak;
- v. "Repair delayed" and the reason for the delay if the leak is not repaired within fifteen (15) calendar days after discovery of the leak;
- vi. The expected date of successful repair of the leak if the leak is not repaired within fifteen (15) days;
- vii. The date of successful repair of the leak; and
- viii. Inspector's name and signature.

(Auth: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-174, 40 CFR §63.11094)¹

Section E. Notification and Reporting Requirements

1. Standard Condition Reporting

Notification and reporting pertaining to the following events shall be done in accordance with Attachment I, Standard Condition Nos. 17 and 24, respectively:

- a. Emissions of air pollutants in violation of HAR, Chapter 11-60.1, or this permit (excluding technology-based emission exceedances due to emergencies); and
- b. Permanent discontinuance of construction, modification, relocation, or operation of the facility covered by this permit.

(Auth.: HAR §11-60.1-8, §11-60.1-15, §11-60.1-16, §11-60.1-90; SIP §11-60-10, §11-60-16)²

2. Deviations

The permittee shall report **within five (5) days** any deviations from the permit requirements, including those attributed to upset conditions, the probable cause of such deviations, and any corrective actions or preventive measures taken. Corrective actions may include a requirement for additional testing, more frequent monitoring, or implementation of a corrective action plan.

(Auth.: HAR §11-60.1-3, §11-60.1-15, §11-60.1-16, §11-60.1-90)

3. Compliance Certification

- a. During the permit term, the permittee shall submit at least **annually** to the Department and U.S. EPA, Region 9, the attached **Compliance Certification Form** pursuant to HAR, Subsection 11-60.1-86. The permittee shall indicate whether or not compliance is being met with each term or condition of this permit. The compliance certification shall include, at a minimum, the following information:

- i. The identification of each term or condition of the permit that is the basis of the certification;
 - ii. The compliance status;
 - iii. Whether compliance was continuous or intermittent;
 - iv. The methods used for determining the compliance status of the source currently and over the reporting period;
 - v. Any additional information indicating the source's compliance status with any applicable enhanced monitoring and compliance certification, including the requirements of Section 114(a)(3) of the Clean Air Act or any applicable monitoring and analysis provisions of Section 504(b) of the Clean Air Act;
 - vi. Brief description of any deviations including identifying as possible exceptions to compliance and periods during which compliance is required and which the excursion or exceedances as defined in 40 CFR 64 occurred; and
 - vii. Any additional information as required by the Department, including information to determine compliance.
- b. The compliance certification shall be submitted within **sixty (60) days after** the end of each calendar year, and shall be signed and dated by a responsible official.
- c. Upon the written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-4, §11-60.1-86, §11-60.1-90)

4. Notifications

- a. The permittee shall submit to the Department and U.S. EPA, Region 9, a Notification of Compliance Status as specified in 40 CFR §63.9(h). Notification of compliance status shall be submitted in accordance with Attachment IIC, Special Condition No. E.3.
- b. The permittee shall submit to the Department and U.S. EPA, Region 9, additional notifications specified in 40 CFR §63.9, as applicable.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-174; 40 CFR §63.9, §63.11093)¹

5. Monitoring Reports

The permittee shall submit **semi-annually** the following written reports to the Department and U.S. EPA, Region 9. The reports shall be submitted **within sixty (60) days after** the end of each semi-annual calendar period (January 1 - June 30 and July 1 - December 31).

- a. For equipment leak inspections, the number of equipment leaks not repaired within fifteen (15) days after detection. The enclosed **Monitoring Report Form: Equipment Leaks** shall be used for reporting.

- b. An excess emissions report containing the following information:

For each occurrence of an equipment leak for which no repair attempt was made within five (5) days or for which repair was not completed within fifteen (15) days after detection:

- i. The date on which the leak was detected;
- ii. The date of each attempt to repair the leak;
- iii. The reasons for the delay of repair; and
- iv. The date of successful repair.

The enclosed **Excess Emissions Report Form: Equipment Leaks** shall be used for reporting.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-174; 40 CFR §63.11089, §63.11095)¹

Section F. Agency Notification

Any document (including reports) required to be submitted by this covered source permit shall be done in accordance with Attachment I, Standard Condition No. 28.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

¹The citations to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the preconstruction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

²The citations to the State Implementation Plan (SIP) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the SIP.

**ATTACHMENT II - INSIG: SPECIAL CONDITIONS
INSIGNIFICANT ACTIVITIES
COVERED SOURCE PERMIT NO. 0382-02-C**

Issuance Date:

Expiration Date:

In addition to the Standard Conditions of the Covered Source Permit, the following Special Conditions shall apply to the permitted facility:

Section A. Equipment Description.

This attachment encompasses the following insignificant activities:

1. One (1) fixed roof tank no. 4134 (18,100 bbls) - low sulfur diesel/jet fuel storage;
2. Two (2) portable storage tanks (350 gallons each) - additive storage;
3. Ethanol off-loading skid:
 - i. Off-loads ethanol from tank trucks into petroleum storage tanks;
 - ii. Consists of hose, pump header and related piping.
4. Transfer Pump – located at the discharge of tank no. 4134;
5. Filter/separator system – removes sediment and water from jet fuel downstream of tank no. 4134, consists of two (2) vessels each containing an internal filter and coalescer;
6. Tank no. 4134 water removal system – removes water from tank no. 4134 bottoms, consists of a collection tank and pump;
7. Portable storage tank – water and sediment drained from filter/separator vessels;
8. One (1) emergency diesel engine generator, 300 bhp or less;
9. One (1) gasoline additive (IVD) tank (8,000 gallons); and
10. One (1) diesel refueling dispenser and (saddle) tank (1,000 gallons).

(Auth.: HAR §11-60.1-3)

Section B. Operational Limitations.

1. The permittee shall take measures to operate applicable insignificant activities in accordance with the provisions of HAR, Subchapter 2 for visible emissions, fugitive dust, incineration, process industries, sulfur oxides from fuel combustion, storage of volatile organic compounds, volatile organic compound water separation, pump and compressor requirements, and waste gas disposal.

(Auth.: HAR §11-60.1-3, §11-60.1-82, §11-60.1-90)

2. The Department may at any time require the permittee to further abate emissions if an inspection indicates poor or insufficient controls.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-82, §11-60.1-90)

Section C. Monitoring and Recordkeeping Requirements.

1. The Department reserves the right to require monitoring, recordkeeping, or testing of any insignificant activity to determine compliance with the applicable requirements.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

2. All records shall be true, accurate and maintained for at least **five (5) years** from the date of any required monitoring, recordkeeping, testing, or reporting. These records shall be in a permanent form suitable for inspection and made available to the Department or their authorized representative upon request.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90)

Section D. Notification and Reporting.

Compliance Certification

During the permit term, the permittee shall submit at least **annually** to the Department and U.S. EPA, Region 9, the attached **Compliance Certification Form**, pursuant to HAR §11-60.1-86. The permittee shall indicate whether or not compliance is being met with each term or condition of this permit. The compliance certification shall include, at a minimum, the following information:

1. The identification of each term or condition of the permit that is the basis of the certification;
2. The compliance status;
3. Whether compliance was continuous or intermittent;
4. The methods used for determining the compliance status of the source currently and over the reporting period;
5. Any additional information indicating the source's compliance status with any applicable enhanced monitoring and compliance certification including the requirements of Section 114(a)(3) of the Clean Air Act or any applicable monitoring and analysis provisions of Section 504(b) of the Clean Air Act;
6. Brief description of any deviations including identifying as possible exceptions to compliance and periods during which compliance is required and which the excursion or exceedances as defined in 40 CFR 64 occurred; and
7. Any additional information as required by the Department including information to determine compliance.

The compliance certification shall be submitted **within sixty (60) days** *after the end of each calendar year*, and shall be signed and dated by a responsible official.

Upon written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department determines that reasonable justification exists for the extension.

In lieu of addressing each emission unit as specified in the **Compliance Certification Form**, the permittee may address insignificant activities as a single unit provided compliance is met with all applicable requirements. If compliance is not totally attained, the permittee shall identify the specific insignificant activity and provide the details associated with the noncompliance.

(Auth.: HAR §11-60.1-4, §11-60.1-86, §11-60.1-90)

Section E. Agency Notification.

Any document (including reports) required to be submitted by this Covered Source Permit shall be done in accordance with Attachment I, Standard Condition No. 28.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

**ATTACHMENT III: ANNUAL FEE REQUIREMENTS
COVERED SOURCE PERMIT NO. 0382-02-C**

Issuance Date:

Expiration Date:

The following requirements for the submittal of annual fees are established pursuant to Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1, Air Pollution Control. Should HAR, Chapter 60.1 be revised such that the following requirements are in conflict with the provisions of HAR, Chapter 60.1, the permittee shall comply with the provisions of HAR, Chapter 60.1:

1. Annual fees shall be paid in full:
 - a. Within **one-hundred twenty (120) days** after the end of each calendar year; and
 - b. Within **thirty (30) days** after the permanent discontinuance of the covered source.
2. The annual fees shall be determined and submitted in accordance with Hawaii Administrative Rules, Chapter 11-60.1, Subchapter 6.
3. The annual emissions data for which the annual fees are based shall accompany the submittal of any annual fees and be submitted on forms furnished by the Department.
4. The annual fees and the emission data shall be mailed to:

**Clean Air Branch
Environmental Management Division
Hawaii Department of Health
919 Ala Moana Boulevard, Room 203
Honolulu, HI 96814**

**ATTACHMENT IV: ANNUAL EMISSIONS REPORTING REQUIREMENTS
COVERED SOURCE PERMIT NO. 0382-02-C**

Issuance Date:

Expiration Date:

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the nature and amounts of emissions.

1. Complete the attached form(s):

Annual Emissions Report Form: Internal Floating Roof Storage Tanks

Annual Emissions Report Form: Tank Truck Load Rack

Annual Emissions Report Form: Barge Off-Loading Headers

2. The reporting period shall be from January 1 to December 31 of each year. All reports shall be submitted to the Department within **sixty (60) days** after the end of each calendar year and shall be mailed to the following address:

**Clean Air Branch
Environmental Management Division
Hawaii Department of Health
919 Ala Moana Boulevard, Room 203
Honolulu, HI 96814**

3. The permittee shall retain the information submitted, including all emission calculations. These records shall be in a permanent form suitable for inspection, retained for a minimum of five (5) years, and made available to the Department upon request.
4. Any information submitted to the Department without a request for confidentiality shall be considered public record.
5. In accordance with HAR, Section 11-60.1-14, the permittee may request confidential treatment of specific information, including information concerning secret processes or methods of manufacture, by submitting a written request to the Director and clearly identifying the specific information that is to be accorded confidential treatment.

DRAFT

**COMPLIANCE CERTIFICATION FORM
COVERED SOURCE PERMIT NO. 0382-02-C
PAGE 1 OF ____**

Issuance Date: _____

Expiration Date: _____

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following certification at least annually, or more frequently as requested by the Department.

(Make Copies of the Compliance Certification Form for Future Use)

For Period: _____ Date: _____

Company/Facility Name: _____

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by Department of Health as public record. I further state that I will assume responsibility for the construction, modification, or operation of the source in accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, and any permit issued thereof.

**COMPLIANCE CERTIFICATION FORM
COVERED SOURCE PERMIT NO. 0382-02-C
(CONTINUED, PAGE 2 OF ____)**

Issuance Date:

Expiration Date:

The purpose of this form is to evaluate whether or not the facility was in compliance with the permit terms and conditions during the covered period. If there were any deviations to the permit terms and conditions during the covered period, the deviation(s) shall be certified as *intermittent compliance* for the particular permit term(s) or condition(s). Deviations include failure to monitor, record, report, or collect the minimum data required by the permit to show compliance. In the absence of any deviation, the particular permit term(s) or condition(s) may be certified as *continuous compliance*.

Instructions:

Please certify Sections A, B, and C below for continuous or intermittent compliance. Sections A and B are to be certified as a group of permit conditions. Section C shall be certified individually for each operational and emissions limit condition as listed in the Special Conditions section of the permit (list all applicable equipment for each condition). Any deviations shall also be listed individually and described in Section D. The facility may substitute its own generated form in verbatim for Sections C and D.

A. Attachment I, Standard Conditions

<u>Permit term/condition</u>	<u>Equipment</u>	<u>Compliance</u>
All standard conditions	All Equipment listed in the permit	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent

B. Special Conditions - Monitoring, Recordkeeping, Reporting, Testing, and INSIG

<u>Permit term/condition</u>	<u>Equipment</u>	<u>Compliance</u>
All monitoring conditions	All Equipment listed in the permit	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
<u>Permit term/condition</u> All recordkeeping conditions	<u>Equipment</u> All Equipment listed in the permit	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
<u>Permit term/condition</u> All reporting conditions	<u>Equipment</u> All Equipment listed in the permit	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
<u>Permit term/condition</u> All testing conditions	<u>Equipment</u> All Equipment listed in the permit	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
<u>Permit term/condition</u> All INSIG conditions	<u>Equipment</u> All Equipment listed in the permit	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent

**COMPLIANCE CERTIFICATION FORM
COVERED SOURCE PERMIT NO. 0382-02-C
(CONTINUED, PAGE ____ OF ____)**

Issuance Date:

Expiration Date:

C. Special Conditions - Operational and Emissions Limitations

Each permit term/condition shall be identified in chronological order using attachment and section numbers (e.g., Attachment II, B.1, Attachment IIA, Special Condition No. B.1.f, etc.). Each equipment shall be identified using the description stated in Section A of the Special Conditions (e.g., unit no., model no., serial no., etc.). Check all methods (as required by permit) used to determine the compliance status of the respective permit term/condition.

<u>Permit term/condition</u>	<u>Equipment(s)</u>	<u>Method</u>	<u>Compliance</u>
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent

(Make Additional Copies if Needed)

**COMPLIANCE CERTIFICATION FORM
COVERED SOURCE PERMIT NO. 0382-02-C
(CONTINUED, PAGE ____ OF ____)**

Issuance Date:

Expiration Date:

D. Deviations

<u>Permit Term/ Condition</u>	<u>Equipment(s) / Brief Summary of Deviation</u>	<u>Deviation Period time (am/pm) & date (mo/day/yr)</u>	<u>Date of Written Deviation Report to DOH (mo/day/yr)</u>
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	

*Identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR 64 occurred.

(Make Additional Copies if Needed)

**ANNUAL EMISSIONS REPORT FORM
INTERNAL FLOATING ROOF STORAGE TANKS
COVERED SOURCE PERMIT NO. 0382-02-C
(PAGE 1 OF 2)**

Issuance Date:**Expiration Date:**

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the nature and amounts of emissions.

For Reporting Period: _____ Date: _____

Company: _____

Facility Name: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (Print): _____

Title and Phone Number: _____

Responsible Official (Signature): _____

TANK NUMBER	4129	4130	4132	4133
TANK CAPACITY (gallons)				
TANK DIAMETER (ft)				
TANK EXTERIOR COLOR				
NO. OF TURNOVERS				
PRODUCT TYPE				
REID VAPOR PRESSURE (psia)				
TRUE VAPOR PRESSURE (psia)				
VAPOR MOLECULAR WEIGHT				
DISTILLATION SLOPE				
AVG. STORAGE TEMP. (°F)				
ANNUAL THROUGHPUT (gallons)				

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**ANNUAL EMISSIONS REPORT FORM
INTERNAL FLOATING ROOF STORAGE TANKS
COVERED SOURCE PERMIT NO. 0382-02-C
(CONTINUED, PAGE 2 OF 2)**

Issuance Date:

Expiration Date:

COMPLETE THIS SHEET FOR EACH STORAGE TANK (Make Copies As Needed)

TANK NO.

DECK FITTINGS			
Access hatch (24" dia)	QTY	Gauge-hatch/sample port	QTY
bolted cover, gasket _____		Weighted mechanical, gasket _____	
unbolted cover, gasket _____		Weighted mechanical, ungasketed _____	
unbolted cover, no gasket _____		Slit fabric seal, 10% open area _____	
Fixed roof support column well	QTY	Vacuum breaker	QTY
Round pipe, ungasketed sliding cover _____		Weighted mechanical, ungasketed _____	
Round pipe, gasketed sliding cover _____		Weighted mechanical, gasketed _____	
Round pipe, flex fabric sleeve seal _____		Deck drain (3" dia.)	QTY
Built-up col., ungasketed sliding cover _____		Open _____	
Built-up col., gasketed sliding cover _____		90% closed _____	
Unslotted guide-pole and well	QTY	Stub drain	
Ungasketed sliding cover _____		Deck leg	QTY
Ungasketed sliding cover w/ pole sleeve _____		Adjustable, internal floating _____	
Gasketed sliding cover _____		Adjustable, pontoon area, ungasketed _____	
Gasketed sliding cover w/pole wiper _____		Adjustable, pontoon area, gasketed _____	
Gasketed sliding cover w/pole sleeve _____		Adjustable, pontoon area, sock _____	
Slotted guide-pole/sample well	QTY	Adjustable, center area, ungasketed _____	
Ungasketed or gasketed sliding cover _____		Adjustable, center area, gasketed _____	
Ungasketed or gasketed sliding cover w/float _____		Adjustable, center area, sock _____	
Gasketed sliding cover w/pole wiper _____		Adjustable, double deck roofs _____	
Gasketed sliding cover w/pole sleeve _____		Rim vent	QTY
Gasketed sliding cover w/float & pole wiper _____		Weighted mechanical, ungasketed _____	
Gasketed sliding cover w/float, wiper & sleeve _____		Weighted mechanical, gasketed _____	
Automatic gauge float well	QTY	Ladder well	QTY
unbolted cover, ungasketed _____		Sliding cover, ungasketed _____	
unbolted cover, gasket _____		Sliding cover, gasketed _____	
bolted cover, gasket _____			

Type of deck (check one)

- ☐ Column-supported fixed roof with bolted deck, total length of deck seams _____ ft
☐ Column-supported fixed roof with welded deck
☐ Self-supporting fixed roof with bolted deck, total length of deck seams _____ ft
☐ Self-supporting fixed roof with welded deck
☐ Other, describe _____ total length of deck seams _____ ft

Type of rim-seal system (check all that apply)

- | | | |
|---|--|--|
| <input type="checkbox"/> Mechanical shoe seal | <input type="checkbox"/> Liquid mounted seal | <input type="checkbox"/> Vapor mounted seal |
| <input type="checkbox"/> Primary only | <input type="checkbox"/> Primary only | <input type="checkbox"/> Primary only |
| <input type="checkbox"/> Shoe mounted secondary | <input type="checkbox"/> Weather shield | <input type="checkbox"/> Weather shield |
| <input type="checkbox"/> Rim mounted secondary | <input type="checkbox"/> Rim mounted secondary | <input type="checkbox"/> Rim mounted secondary |

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**ANNUAL EMISSIONS REPORT FORM
TANK TRUCK LOAD RACK
COVERED SOURCE PERMIT NO. 0382-02-C**

Issuance Date:

Expiration Date:

In accordance with HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the nature and amounts of emissions.

(Make Copies for Additional Use)

For Reporting Period: _____ Date: _____

Company: _____

Facility Name: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (print): _____

Title and Phone Number: _____

Responsible Official (signature) _____

Report the product throughput for the reporting period in the following table:

Product	Total Throughput (barrels/yr)
Gasoline	
Ethanol	
Diesel/Jet Fuel	

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**ANNUAL EMISSIONS REPORT FORM
BARGE OFF-LOADING HEADERS
COVERED SOURCE PERMIT NO. 0382-02-C**

Issuance Date:

Expiration Date:

In accordance with HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the nature and amounts of emissions.

(Make Copies for Additional Use)

For Reporting Period: _____ Date: _____

Company: _____

Facility Name: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (print): _____

Title and Phone Number: _____

Responsible Official (signature) _____

Report the product throughput for the reporting period in the following table:

Product	Total Throughput (barrels/yr)
Gasoline	
Diesel/Jet Fuel	

**MONITORING REPORT FORM
INTERNAL FLOATING ROOF STORAGE TANKS
COVERED SOURCE PERMIT NO. 0382-02-C**

Issuance Date:**Expiration Date:**

In accordance with HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health and U.S. EPA, Region 9, the following information semi-annually:

(Make Copies for Additional Use)

For Reporting Period: _____ Date: _____

Company: _____

Facility Name: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (print): _____

Title and Phone Number: _____

Responsible Official (signature) _____

1. Report true vapor pressure exceedances above 11.1 psia for the reporting period:

Tank No.	True Vapor Pressure (psia)	How Determined	Type of Fuel Stored	Period of Exceedance	Storage Temperature (°F)

2. Report a summary of tank inspection for the reporting period:

Tank No.	Inspection Date	Deficiencies/Defects	Date and Repair Made	Date Tank was Last Emptied
		Description		

3. For the reporting period, attach the information required from 40 CFR §60.115b(a) for complying with Option 2(b) in Table 1 of 40 CFR Part 63, Subpart BBBBBB as applicable for Tank Nos. 4130, 4132, and 4133.
4. Identify deviations from permit requirements.

**MONITORING REPORT FORM
TANK TRUCK LOAD RACK
COVERED SOURCE PERMIT NO. 0382-02-C**

Issuance Date:**Expiration Date:**

In accordance with HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health and U.S. EPA, Region 9, the following information semi-annually:

(Make Copies for Additional Use)

For Reporting Period: _____ Date: _____

Company: _____

Facility Name: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (print): _____

Title and Phone Number: _____

Responsible Official (signature) _____

1. Report the petroleum tank truck load rack throughput for the reporting period:

Month	Gasoline Monthly (barrels)	Gasoline Rolling 12 Months (barrels)	Ethanol Monthly (barrels)	Ethanol Rolling 12 Months (barrels)	Diesel/Jet Fuel Monthly (barrels)	Diesel/Jet Fuel Rolling 12 Months (barrels)
January						
February						
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						

2. Identify deviations from permit requirements.

**MONITORING REPORT FORM
BARGE OFF-LOADING HEADERS
COVERED SOURCE PERMIT NO. 0382-02-C**

Issuance Date:**Expiration Date:**

In accordance with HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health and U.S. EPA, Region 9, the following information semi-annually:

(Make Copies for Additional Use)

For Reporting Period: _____ Date: _____

Company: _____

Facility Name: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (print): _____

Title and Phone Number: _____

Responsible Official (signature) _____

1. Report the petroleum barge off-loading headers throughput for the reporting period:

Month	Gasoline Monthly (barrels)	Gasoline Rolling 12 Months (barrels)	Diesel/Jet Fuel Monthly (barrels)	Diesel/Jet Fuel Rolling 12 Months (barrels)
January				
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

2. Identify deviations from permit requirements.

Facility Name: _____

Responsible Official (Signature): _____

Report the following on the lines provided below: all date(s) and six (6) minute average opacity reading(s) which the opacity limit was exceeded during the monthly observations; or if there were no exceedances during the monthly observations, then write "no exceedances" in the comment column.

[illegible]

[illegible]

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MONITORING REPORT FORM

MALFUNCTIONS

COVERED SOURCE PERMIT NO. 0382-02-C

Issuance Date:

Expiration Date:

In accordance with HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health and U.S. EPA, Region 9, the following information semi-annually:

(Make Copies for Additional Use)

For Reporting Period: _____ Date: _____

Company:

Facility Name: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (print):_____

Title and Phone Number: _____

Responsible Official (signature)_____

Report each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emissions limitation to be exceeded:

[illegible]

[illegible]

**VISIBLE EMISSIONS FORM REQUIREMENTS
STATE OF HAWAII
COVERED SOURCE PERMIT NO. 0382-02-C**

Issuance Date:

Expiration Date:

The **Visible Emissions (VE) Form** shall be completed **monthly** (*each calendar month*) for each equipment subject to opacity limits in accordance with 40 CFR Part 60, Appendix A, Method 9. VE observations shall be conducted for each equipment subject to opacity limits by a certified reader in accordance with Method 9. The VE Form shall be completed as follows:

1. VE observations shall take place during the day only. The opacity shall be noted in five (5) percent increments (e.g., 25%).
2. Orient the sun within a 140 degree sector to your back. Provide a source layout sketch on the VE Form using the symbols as shown.
3. For VE observations of stacks, stand at least three (3) stack heights but not more than a quarter mile from the stack.
4. For VE observations of fugitive emissions from crushing and screening plants, stand at least 4.57 meters (15 feet) from the visible emissions source, but not more than a quarter mile from the visible emission source.
5. Two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals for each stack or emission point.
6. The six (6) minute average opacity reading shall be calculated for each observation.
7. If possible, the observations shall be performed as follows:
 - a. Read from where the line of sight is at right angles to the wind direction.
 - b. The line of sight shall not include more than one (1) plume at a time.
 - c. Read at the point in the plume with the greatest opacity (without condensed water vapor), ideally while the plume is no wider than the stack diameter.
 - d. Read the plume at fifteen (15) second intervals only. Do not read continuously.
 - e. The equipment shall be operating at the maximum permitted capacity.
8. If the equipment was shut-down for that period, briefly explain the reason for shut-down in the comment column.

The permittee shall retain the completed VE Forms for recordkeeping. These records shall be in a permanent form suitable for inspection, retained for a minimum of five (5) years, and made available to the Department, or their representative upon request.

Any required initial and annual performance test performed in accordance with Method 9 by a certified reader shall satisfy the respective equipment's VE monitoring requirements for the month the performance test is performed.

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**VISIBLE EMISSIONS FORM
COVERED SOURCE PERMIT NO. 0382-02-C**

Issuance Date: _____

Expiration Date: _____

(Make Copies for Future Use for Each Stack or Emission Point)

Company Name: _____

For stacks, describe equipment and fuel: _____

For fugitive emissions from crushers and screens, describe:

Fugitive emission point: _____

Plant Production (tons/hr): _____

(During observation)

Site Conditions:

Emission point or stack height above ground (ft): _____

Emission point or stack distance from observer (ft): _____

Emission color (black or white): _____

Sky conditions (% cloud cover): _____

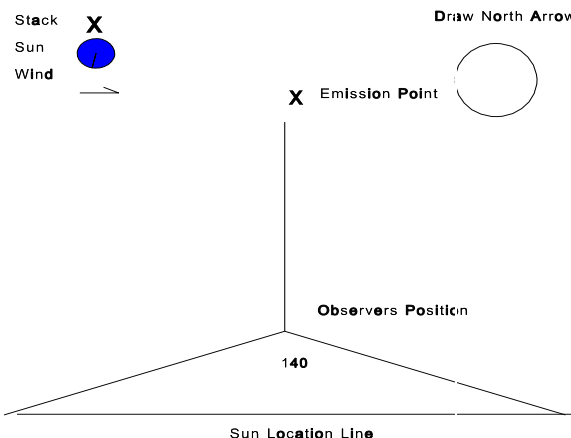
Wind speed (mph): _____

Temperature (EF): _____

Observer Name: _____

Certified? (Yes/No): _____

Observation Date and Start Time: _____



	Seconds				
MINUTES	0	15	30	45	COMMENTS
1					
2					
3					
4					
5					
6					
Six (6) Minute Average Opacity Reading (%):					

Observation Date and Start Time: _____

	Seconds				
MINUTES	0	15	30	45	COMMENTS
1					
2					
3					
4					
5					
6					
Six (6) Minute Average Opacity Reading (%):					